Copy for the Elected Office (EO/US) PA JT COOPERATION TREAT

	From the INTERNATIONAL BUREAU
PCT	То:
NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Date of mailing (day/month/year) 04 December 2001 (04.12.01)	BECKER, Konrad Novartis AG Corporate Intellectual Property Patent & Trademark Department CH-4002 Basel SUISSE
Applicant's or agent's file reference 4 -30970A/HO 17	IMPORTANT NOTIFICATION
International application No. PCT/EP00/05058	International filing date (day/month/year) 02 June 2000 (02.06.00)
The following indications appeared on record concerning: X the applicant X the inventor	the agent the common representative State of Nationality State of Residence
Name and Address BEATTIE, David 13 Thelton Avenue Broadbridge Heath Horsham	GB GB Telephone No.
West Sussex RH12 3LS United Kingdom	Facsimile No.
	Teleprinter No.
2. The International Bureau hereby notifies the applicant that the	the following change has been recorded concerning:
the person the name X the add	dress the nationality the residence
Name and Address BEATTIE, David	State of Nationality State of Residence GB GB
Novartis Horsham Research Centre Wimblehurst Road Horsham, West Sussex RH12 5AB	Telephone No.
United Kingdom	Facsimile No.
	Teleprinter No.
3. Further observations, if necessary:	
4. A copy of this notification has been sent to:	the designated Offices concerned
X the receiving Office	X the elected Offices concerned
the International Searching Authority the International Preliminary Examining Authority	other:
	Authorized officer
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Anman QIU
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

Copy for the Elected Office (EO/US) T COOPERATION TREAT

	From the INTERNATIONAL BUREAU
PCT	То:
NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Date of mailing (day/month/year) 03 December 2001 (03.12.01)	BECKER, Konrad Novartis AG Corporate Intellectual Property Patent & Trademark Department CH-4002 Basel SUISSE
Applicant's or agent's file reference 4 -30970A/HO 17	IMPORTANT NOTIFICATION
International application No. PCT/EP00/05058	International filing date (day/month/year) 02 June 2000 (02.06.00)
The following indications appeared on record concerning: X the applicant X the inventor	the agent the common representative
Name and Address FAIRHURST, Robin, Alec 5 Greenacres Ashington West Sussex RH20 3LR	State of Nationality GB Telephone No.
United Kingdom	Facsimile No. Teleprinter No.
2. The International Bureau hereby notifies the applicant that the the person the name X the add	
Name and Address FAIRHURST, Robin, Alec Novartis Horsham Research Centre	State of Nationality State of Residence GB GB Telephone No.
Wimblehurst Road Horsham, West Sussex EH12 5AB United Kingdom	Facsimile No.
	Teleprinter No.
3. Further observations, if necessary:	
4. A copy of this notification has been sent to: X the receiving Office	the designated Offices concerned
the International Searching Authority the International Preliminary Examining Authority	X the elected Offices concerned other:
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Anman QIU
Esserimile No.: (41.22) 740 14 35	Telephone No.: (41-22) 338.83.38

Copy for the Elected Office (EO/US) T COOPERATION TREAT

	From the INTERNATIONAL BUREAU
PCT	То:
NOTIFICATION OF THE RECORDING	BECKER, Konrad
OF A CHANGE	Novartis AG
(PCT Rule 92bis.1 and Administrative Instructions, Section 422)	Corporate Intellectual Property Patent & Trademark Department CH-4002 Basel SUISSE
Date of mailing (day/month/year) 05 December 2001 (05.12.01)	
Applicant's or agent's file reference 4 -30970A/HO 17	IMPORTANT NOTIFICATION
International application No. PCT/EP00/05058	International filing date (day/month/year) 02 June 2000 (02.06.00)
The following indications appeared on record concerning: X the applicant X the inventor	the agent the common representative
Name and Address	State of Nationality State of Residence
BRUCE, lan 9 Bourns Court Ayshe Court Drive	GB GB Telephone No.
Hórsham West Sussex RH13 5RL United Kingdom	Facsimile No.
	Teleprinter No.
2. The International Bureau hereby notifies the applicant that the	he following change has been recorded concerning:
the person the name X the add	dress the nationality the residence
Name and Address	State of Nationality State of Residence GB GB
BRUCE, lan Novartis Horsham Research Centre Wimblehurst Road	Telephone No.
Horsham, West Sussex RH12 5AB United Kingdom	Facsimile No.
	Teleprinter No.
3. Further observations, if necessary:	
4. A copy of this notification has been sent to:	the designated Offices concerned
X the receiving Office	the designated Offices concerned X the elected Offices concerned
the International Searching Authority the International Preliminary Examining Authority	other:
	Authorized officer
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Anman QIU
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

PA NT COOPERATION TREAT.

A. Carrier and Car	From the INTERNATIONAL BUREAU
PCT	То:
NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Date of mailing (day/month/year) 21 September 2001 (21.09.01)	BECKER, Konrad Novartis AG Corporate Intellectual Property Patent & Trademark Department CH-4002 Basel SUISSE
Applicant's or agent's file reference	
4 -30970A/HO 17	IMPORTANT NOTIFICATION
International application No. PCT/EP00/05058	International filing date (day/month/year) 02 June 2000 (02.06.00)
The following indications appeared on record concerning: X the applicant the inventor	the agent the common representative
Name and Address NOVARTIS AG	State of Nationality State of Residence CH CH
NOVARTIS AG Schwarzwaldallee 215 CH-4058 Basel Switzerland	Telephone No.
OWN LOW IS NOT	Facsimile No.
	Teleprinter No.
2. The International Bureau hereby notifies the applicant that th	e following change has been recorded concerning:
the person the name X the add	ress the nationality the residence
Name and Address	State of Nationality State of Residence CH CH
NOVARTIS AG Lichtstrasse 35 CH-4056 Basel Switzerland	Telephone No.
Switzerianu	Facsimile No.
	Teleprinter No.
3. Further observations, if necessary:	
4. A copy of this notification has been sent to:	
X the receiving Office	the designated Offices concerned
the International Searching Authority	X the elected Offices concerned
the International Preliminary Examining Authority	other:
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Dominique DELMAS
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

PA . _NT COOPERATION TREAT'

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

Commissioner

US Department of Commerce

United States Patent and Trademark

Office, PCT

2011 South Clark Place Room

CP2/5C24

Arlington, VA 22202

ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 11 January 2001 (11.01.01)

International application No. PCT/EP00/05058

02 June 2000 (02.06.00)

International filing date (day/month/year)

Applicant's or agent's file reference

4 -30970A/HO 17

Priority date (day/month/year)

04 June 1999 (04.06.99)

Applicant

CUENOUD, Bernard et al

		04 December	2000 (04.12.00)		
	-				
in a no	tice effecting later ele	ction filed with the Inte	rnational Bureau on:		
		 :			
		•			
The election	X was				
	was not				
made before	the expiration of 19 n	nonths from the priority	date or, where Rule 32	applies, within the ti	me limit under
Rule 32.2(b).					

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Pascal Piriou

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

PCT

REC'D	2	9	MAY	2001
WIPO				PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant'	s or agent's file reference		Con Notic	Seeking of Transporting Lating at the seeking at the s
4-30970	OA/HO 17	FOR FURTHER ACTIO		fication of Transmittal of International ary Examination Report (Form PCT/IPEA/416)
Internation	nal application No.	International filing date (day/n	nonth/year)	Priority date (day/month/year)
PCT/EP	200/05058	02/06/2000		04/06/1999
Internation C07D21		or national classification and IPC		
Applicant				
NOVAR	TIS AG et al.			
1. This and i	international preliminary e is transmitted to the applica	xamination report has been prep ant according to Article 36.	ared by this In	ternational Preliminary Examining Authority
2. This	REPORT consists of a total	al of 6 sheets, including this cov	er sheet.	
(peen amended and are the	basis for this report and/or sheen 607 of the Administrative Instr	ts containing r	on, claims and/or drawings which have ectifications made before this Authority the PCT).
3. This	report contains indications Basis of the report	relating to the following items:		
	☐ Priority			
III	•	of opinion with regard to novelty	inventive ster	and industrial applicability
IV	☐ Lack of unity of inve			· · · · · · · · · · · · · · · · · · ·
V	Reasoned statement citations and explar	nt under Article 35(2) with regard nations suporting such statement	to novelty, inv	rentive step or industrial applicability;
VI	☐ Certain documents	cited		
VII	_	ne international application		
VIII	☑ Certain observation	s on the international application		
Date of sub	omission of the demand	Date	of completion o	f this report
04/12/20	00	25.0	5.2001	
Name and preliminary	mailing address of the internat examining authority:	onal Auth	orized officer	BONSOES MINOR
0)))	European Patent Office D-80298 Munich	Tim	mermans M	The state of the s

Timmermans, M

Telephone No. +49 89 2399 8940

Tel. +49 89 2399 - 0 Tx: 523656 epmu d

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/EP00/05058

I.	Ва	sis fth rprt	
1.	the an	e receiving Office in	ments of the international application (Replacement sheets which have been furnished to response to an invitation under Article 14 are referred to in this report as "originally filed" to this report since they do not contain amendments (Rules 70.16 and 70.17)):
	1-4	48	as originally filed
	Cla	aims, No.:	
	1-1	16	as originally filed
2.	Wit lan	th regard to the lang guage in which the l	guage, all the elements marked above were available or furnished to this Authority in the international application was filed, unless otherwise indicated under this item.
	The	ese elements were a	available or furnished to this Authority in the following language: , which is:
		the language of a	translation furnished for the purposes of the international search (under Rule 23.1(b)).
			ublication of the international application (under Rule 48.3(b)).
		the language of a 55.2 and/or 55.3).	translation furnished for the purposes of international preliminary examination (under Rule
3.	Wit inte	h regard to any nuc ernational preliminar	eleotide and/or amino acid sequence disclosed in the international application, the y examination was carried out on the basis of the sequence listing:
		contained in the in	ternational application in written form.
		filed together with	the international application in computer readable form.
		furnished subsequ	ently to this Authority in written form.
		furnished subsequ	ently to this Authority in computer readable form.
		The statement that the international ap	t the subsequently furnished written sequence listing does not go beyond the disclosure in oplication as filed has been furnished.
		The statement that listing has been fur	t the information recorded in computer readable form is identical to the written sequence rnished.
4.	The	amendments have	resulted in the cancellation of:
		the description,	pages:
		the claims,	Nos.:
		the drawings,	sheets:
5.		This report has bee	en established as if (some of) the amendments had not been made, since they have been eyond the disclosure as filed (Rule 70.2(c)):



International application No. PCT/EP00/05058

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

- 6. Additional observations, if necessary:
- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes:

Claims 1-16

No: Claims

Inventive step (IS)

Yes:

Claims 4, 5,7,8,12

No:

Claims 1-3,6,9-11,13-16

Industrial applicability (IA)

Yes: Claims 1-16

No: Claims

2. Citations and explanations see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made: see separate sheet

R It m V

Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. The following documents are relevant:

D1: EP-A-0 882 704

D2: WO 99 09001

D3: WO 93 18007

D4: EP-A-0 894 787

D5: WO 93 15041

D6: WO 92 18461

2. The novelty of the subject-matter of the present application is acknowledged. (Art. 33(2) PCT).

The compounds which are the object of the present application differ from the products disclosed in D1-D4 and D6 by having a benzocyclopentanyl (indane) or benzocycloheptanyl backbone instead of a tetrahydronaphthalenyl one. There is a overlap between the compounds of the present application and those disclosed in D5 (see D5, claim 1) but D5 discloses only 7-benzylaminobenzocycloheptene derivatives (such as D5, preparation 33, page 62) and none N-arylethylsubstituted 2-aminoindane or 7-aminobenzocycloheptanyl compounds. Moreover D5 does not disclose the β2-agonist activity of the compounds of the present application.

- 3. Claims 1-3, 6, 9-11 and 13-16 of the present application are considered as lacking an inventive step (Art. 33(3) PCT).
- 3.1 Document D1, which is considered to represent the most relevant state of the art, discloses 3,4-disubstituted phenylethanolaminotetralincarboxamide derivatives such as 2-[(2S-2-[[2RS-2-hydroxy-2-(4-hydroxy-3-hydroxymethylphenyl)ethyl]amino]-1,2,3,4-tetrahydronaphthalen-7-yloxy]-N,N-dimethylacetamide (see D1, example 1, page 22) having β2-agonist activity from which the compounds of the present application differs at least in that they possess an indane or

benzocycloheptanyl backbone.

The technical problem underlying the application can thus be seen as the provision of alternative β2-agonist derivatives.

Considering the structural differences existing between the compounds object of the present invention and those disclosed in the available prior art, it was not obvious that the claimed products would have the desired β2-agonist properties. An inventive step can thus be acknowledged for the compounds which were shown to possess the desired activity (as examplified on bridging § pages 14-15).

Claims 4, 5, 7, 8 and 12 are thus considered as involving an inventive step.

3.2 However, it must be reminded that the breadth of the claims should be such that it represents a reasonable generalisation over the examples provided, and such that every compound falling within its scope actually provides a solution to the problem underlying the invention.

The expressions in the claims "alkyl", "alkyl interrupted..hetero atoms", "alkenyl", "aryl", "carbocyclic or heterocyclic ring" are non-limitative and are therefore not regarded as obvious modifications or equivalents of the examples which have been given in the description. Accordingly the said expressions should be restricted in this respect to the particular meanings specified in the description pages 2-3.

It is also clear from the examples that the Ar group is always a quinolin-2-one or a substituted phenyl group. The Applicant has not indicated why it is believed that the claimed non-examplified compounds which cannot be considered as obvious equivalents of the examplified ones (i.e. Ar being benzoimidazolidinone, benzomorpholinone..) should possess the desired \(\beta 2-\text{agonist properties.} \)

Claims 1-3, 6, 9-11 and 13-16 are thus considered as lacking an inventive step.

4. The industrial applicability of the present application is acknowledged (Art. 33(4) PCT).

INTERNATIONAL PRELIMINARY

International application No. PCT/EP00/05058

EXAMINATION REPORT - SEPARATE SHEET

R It m VIII

Certain observations on the international application

1. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1-D6 is not mentioned in the description, nor are these documents identified therein.

optication No PCT/EP 00/05058

A CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D215/26 A61K31/395

CO7D215/22 C07C215/80 A61P43/00 C07C311/08 C07D405/12 C07C233/43

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) TPC 7 C07D A61K A61P C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 882 704 A (KISSEI PHARMACEUTICAL CO., LTD) 9 December 1998 (1998-12-09) page 2, line 5 - line 24 page 3, line 25 - line 31; claim 1	1,13-15
Y	WO 99 09001 A (KISSEI PHARMACEUTICAL CO., LTD) 25 February 1999 (1999-02-25) * abstract *	1,13-15
Y	WO 93 18007 A (TOKYO TANABE COMPANY LTD.) 16 September 1993 (1993-09-16) * abstract *	1,13-15
A	EP 0 894 787 A (KISSEI PHARMACEUTICAL CO., LTD) 3 February 1999 (1999-02-03) page 4 	1,13-15

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 28 September 2000	Date of mailing of the international search report -: 18/10/2000
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Van Bijlen, H

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tri .idonal Application No PCT/EP 00/05058

		PC1/EP 00/05058
·	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Coloront to plain No
atagory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 93 15041 A (FUJISAWA PHARMACEUTICAL CO.,LTD.) 5 August 1993 (1993-08-05) page 35, line 30 -page 36, line 12; claim 1	1,13
A	WO 92 18461 A (FUJISAWA PHARMACEUTICAL CO.,LTD.) 29 October 1992 (1992-10-29) page 1 -page 2; claim 1	1,13

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INTERNATION

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SEARCH REPORT

int Jonal Application No PCT/EP 00/05058

Information on pateris tamily members

Patent document cited in search report	 !	Publication date		Patent family member(s)	Publication date
EP 882704	Α	09-12-1998	AU	2001497 A	02-09-1997
EI 002/04	^	09-12 1990	BR	9707566 A	27-07-1999
			NO	983777 A	19-10-1998
					21-08-1997
			CA	2245490 A	
			CN	1216526 A	12-05-1999
			CZ	9802523 A	16-12-1998
			HU	9900621 A	30-08-1999
			WO	9730023 A	21-08-1997
			PL	328530 A	01-02-1999
WO 9909001	Α	25-02-1999	AU	8562098 A	08-03-1999
			ZA	9807425 A	22-02-1999
WO 9318007	A	16-09-1993	AU	3648793 A	05-10-1993
EP 894787	A	03-02-1999	JP	9255637 A	30-09-1997
L. 03 17 07	••	33 32 2333	AU	2176197 A	17-10-1997
			WO	9735835 A	02-10-1997
WO 9315041	Α	05-08-1993	AT	156804 T	15-08-1997
			AU	3367993 A	01-09-1993
			CA	2107566 A	04-08-1993
			CN	1084846 A	06-04-1994
			DE	69313051 D	18-09-1997
			DE	69313051 T	08-01-1998
			DK	583485 T	06-10-1997
			EP	0583485 A	23-02-1994
			ES.	2105286 T	16-10-1997
			GR	3025106 T	30-01-1998
			HK	1000768 A	24-04-1998
			HU	65351 A	02-05-1994
			IL	104567 A	18-03-1997
			JP	11092432 A	06-04-1999
			JP	2819435 B	30-10-1998
			JP	6506955 T	04-08-1994
			MX	9300552 A	01-09-1993
			RU	2125983 C	10-02-1999
			US	5387710 A	07-02-1995
			ZA	9300591 A	18-10-1993
WO 9218461	A	29-10-1992	AT	157080 T	15-09-1997
/220101	••		DE	69221721 D	25-09-1997
			DK	579833 T	15-09-1997
			EP	0579833 A	26-01-1994
			JP	6506676 T	28-07-1994
			. 10		

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NT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification (Form PCT/ISA/2	of Transmittal of International Search Report 220) as well as, where applicable, item 5 below.
4 -30970A/H0 17 International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
· · ·		
PCT/EP 00/05058	02/06/2000	04/06/1999
Applicant		
NOVARTIS AG et al.		
This International Search Report has bee according to Article 18. A copy is being tra	en prepared by this International Searching Aut cansmitted to the International Bureau.	hority and is transmitted to the applicant
This International Search Report consists X It is also accompanied by	s of a total of4 sheets. y a copy of each prior art document cited in this	s report.
1. Basis of the report		
 a. With regard to the language, the language in which it was filed, un 	international search was carried out on the ba less otherwise indicated under this item.	sis of the international application in the
the international search w Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of t	the international application furnished to this
was carried out on the basis of the		nternational application, the international search
filed together with the inte	ernational application in computer readable for	m.
	this Authority in written form.	
	o this Authority in computer readble form.	
	bsequently furnished written sequence listing d as filed has been furnished.	loes not go beyond the disclosure in the
the statement that the info furnished	ormation recorded in computer readable form i	is identical to the written sequence listing has been
2. Certain claims were fou	ınd unsearchable (See Box I).	
3. Unity of Invention is lac	king (see Box II).	
4. With regard to the title ,		
the text is approved as su	ibmitted by the applicant.	
X the text has been establis BETA2-ADRENOCEPTOR AGO	shed by this Authority to read as follows: ONISTS	
5. With regard to the abstract,		
the text is approved as su the text has been establis within one month from the		ity as it appears in Box III. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be publ	lished with the abstract is Figure No.	
as suggested by the appli	icant.	None of the figures.
because the applicant fail	ed to suggest a figure.	
because this figure better	characterizes the invention.	

T/EP 00/05058

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first she t)

Compounds of formula

in free or salt or solvate form, where

Ar is a group of formula

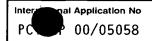
11

Y is carbon or nitrogen and R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, X, n, p, q and r are as defined in the specification, their preparation and their use as pharmaceuticals, particularly for the treatment of obstructive or inflammatory airways diseases.

The compounds of formula I in free, salt or solvate form, have \(\beta 2-\) adrenoreceptor agonist activity.

Form PCT/ISA/210 (continuation of first sheet (2)) (July 1998)

INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D215/26 A61K31/395

C07D215/22

C07C215/80

A61P43/00 C07C311/08 C07D405/12

C07C233/43

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 CO7D A61K A61P C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

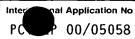
CHEM ABS Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	on the latest property of the latest property	Tiolevani to onlin 110.
Υ	EP 0 882 704 A (KISSEI PHARMACEUTICAL CO., LTD) 9 December 1998 (1998-12-09) page 2, line 5 - line 24 page 3, line 25 - line 31; claim 1	1,13-15
Y	WO 99 09001 A (KISSEI PHARMACEUTICAL CO., LTD) 25 February 1999 (1999-02-25) * abstract *	1,13-15
Υ	WO 93 18007 A (TOKYO TANABE COMPANY LTD.) 16 September 1993 (1993-09-16) * abstract *	1,13-15
Α	EP 0 894 787 A (KISSEI PHARMACEUTICAL CO., LTD) 3 February 1999 (1999-02-03) page 4 	1,13-15

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
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Date of the actual completion of the international search	Date of mailing of the international search report
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